

Automatic Folding Mask Production Machine

This machine automatically folds KN95 and N95 masks. It integrates material feeding, folding, nose clip insertion, ear loop welding, and mask forming.



ADDITIONAL IMAGES



Overview

High-Efficiency Mask Production

This fully automatic folding mask production line is engineered for the high-speed manufacturing of folding-style masks, such as N95 and KN95 models. The system integrates multi-layer fabric feeding, nasal line insertion, ear loop welding, and precision folding into a seamless, automated process. Utilizing PLC and touch-screen controls, it ensures stable, high-output production with minimal defect rates, making it an ideal solution for industrial-scale medical and protective gear manufacturing.

Performance Metrics

Production Speed

45 pcs/min
Minimum Speed

60 pcs/min
Maximum Speed

Defective Rate

2 %

Technical Specifications

Mask Size	155*106mm
Mask Structure	4-5 layers
Compatible Materials	PP non-woven composite fiber, Filter layer
Composite Approach	Ultrasonic welding

Electrical & Pneumatic

Power Supply	AC380V, 3phase, 50/60Hz
Power Consumption	15 Kw
Demand Pressure	0.5-0.7Mpa

Physical Dimensions

Dimensions (L*W*H)	12000*1500*1900mm
Machine Weight	2500 kg

Operating Environment

Requirements

- Temperature: 10-35
- Humidity: 5-35% HR
- Non-flammable environment
- No corrosive gas
- Cleanliness: no less than 100000